

# Iowa Crops & Weather



USDA – National Agricultural Statistical Service  
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For the week ending April 1, 2007

## WARM WEATHER AND RAIN

**Agricultural Summary:** Despite above normal temperatures last week, more rain on already saturated ground kept most farmers out of the field and contributed to minor flooding. Grain movement was also slowed due to soft, wet roads. All the while, farmers dealt with muddy feedlots and ensuing livestock problems.

There were 0.7 days suitable for fieldwork, compared to 1.0 day last year at this time. Topsoil moisture rated zero percent very short, 1 percent short, 53 percent adequate, and 46 percent surplus across the state. Subsoil moisture rated zero percent very short, 4 percent short, 68 percent adequate, and 28 percent surplus. These are the highest soil moisture levels for the beginning of April since 1998.

**Field Crops Report:** Oats seedings were 5 percent complete, even with last year's progress, but less than the five-year average of 14 percent. No significant corn planting was reported in the state. Fertilizer application, at 52 percent, was 1 percentage point below last year but even with the five-year average.

**Livestock, Pasture and Range Report:** The spring weather started to green up pastures. Young calves had trouble with this past week's damp weather, and there were some diseases reported in pigs. Pasture and range condition rated 3 percent very poor,

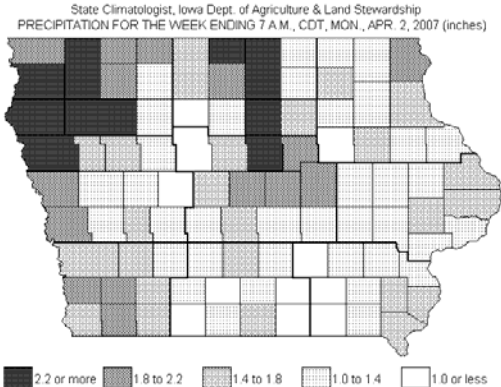
7 percent poor, 37 percent fair, 42 percent good and 11 percent excellent.

## IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

It was an unseasonably warm and wet week across Iowa. Thunderstorms were widespread each day from Tuesday (27<sup>th</sup>) through Saturday (31<sup>st</sup>). The storms on Saturday resulted in reports of large hail or high winds from 34 counties. The warmest day was Monday (26<sup>th</sup>) with highs in the 70's and 80's statewide including an afternoon high of 84 degrees at Sioux City. Daytime highs for the remainder of the week were mostly in the 50's to low 60's north to the 60's and low 70's south. However, Sunday (1<sup>st</sup>) was a little colder with highs in the mid 40's north to mid 60's south. Sanborn and Spencer reported the week's lowest temperatures with 33 degree readings on Monday (2<sup>nd</sup>) morning. Temperatures for the week as a whole averaged from 12.9 degrees above normal at Mason City to 19.4 degrees above normal at Burlington with a statewide average of 15.1 degrees warmer than usual. Precipitation was heaviest from Thursday (29<sup>th</sup>) evening to Saturday (31<sup>st</sup>) evening. Weekly rain totals varied from 0.57 inches at Lake Rathbun Dam to 3.51 inches at Sioux Center. The statewide average precipitation was 1.55 inches or a little more than double the weekly normal of 0.72 inches. Soil temperatures were averaging in the mid 40's north to low 50's southwest as of Sunday (1<sup>st</sup>) but are expected to plunge as much colder air returns to Iowa this coming week.

Statewide Crop Conditions as of April 1, 2007					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	3	7	37	42	11

## IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of April 1, 2007													
Item	Districts									State	Last Week	Last Year	Nor- mal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Fertilizer application completed	48	58	40	47	59	62	52	56	46	52	NA	53	52

Days Suitable & Soil Moisture Condition as of April 1, 2007													
Item	Districts									State	Last Week	Last Year	
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	0.5	0.0	0.8	0.6	1.0	0.7	1.3	0.8	1.2	0.7	NA	1.0	
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
	Very short	0	0	0	0	0	2	0	0	0	NA	3	
	Short	0	0	0	0	0	6	0	1	1	NA	9	
	Adequate	62	44	59	75	50	45	45	39	55	53	NA	69
	Surplus	38	56	41	25	50	55	47	61	44	46	NA	19
Subsoil moisture	Very short	0	0	0	0	0	0	0	0	0	NA	9	
	Short	1	1	6	1	0	3	11	10	7	4	NA	30
	Adequate	76	63	66	79	71	69	50	55	74	68	NA	55
	Surplus	23	36	28	20	29	28	39	35	19	28	NA	6

Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, April 1, 2007

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	80	38	54	18	2.04	1.50	0.41	0.33	27	27
Sioux Center	79	35	57	17	3.59	3.09	1.10	1.03	51	44
Spencer	82	38	55	18	2.41	1.87	0.41	0.33	40	33
Spirit Lake	79	40	52	16	1.66	1.17	0.00	-0.07	20	13
North Central District										
Britt	78	36	53	15	1.77	1.23	0.61	0.53	32	25
Humboldt	78	38	56	16	0.95	0.36	0.16	0.07	43	36
Mason City	81	37	54	17	2.71	2.15	0.83	0.75	37	30
Osage	80	43	54	16	1.26	0.65	0.55	0.46	37	30
North East District										
Decorah	81	39	54	15	1.57	0.97	0.25	0.16	34	27
Dubuque	79	44	57	18	1.15	0.38	0.53	0.42	53	46
Elkader	81	42	57	17	1.00	0.40	0.80	0.71	52	38
Fayette	80	39	55	16	1.15	0.55	0.83	0.74	42	35
Waterloo	82	40	57	17	0.86	0.23	0.35	0.26	52	45
West Central District										
Carroll	79	36	58	18	0.55	-0.08	0.12	0.03	60	53
Castana	79	34	60	18	2.38	1.82	1.12	1.04	72	65
Guthrie Center	80	38	60	19	1.73	1.07	0.25	0.15	70	59
Harlan	79	37	61	18	1.38	0.79	0.37	0.28	77	70
Jefferson	80	38	59	19	0.88	0.25	0.37	0.28	64	57
Logan	78	38	61	19	2.08	1.52	0.82	0.74	79	65
Rockwell City	79	36	57	16	1.38	0.85	0.59	0.51	50	42
Sac City	80	36	57	18	1.18	0.55	0.21	0.12	51	44
Sioux City	84	35	60	18	2.76	2.27	1.27	1.20	68	55
Central District										
Boone	80	37	58	17	1.69	1.05	0.52	0.42	57	50
Des Moines	82	40	62	19	1.47	0.81	0.68	0.58	87	73
Grundy Center	81	39	57	18	1.69	1.07	0.42	0.33	48	41
Marshalltown	81	40	58	18	1.97	1.33	0.37	0.27	60	53
Newton	82	40	60	18	0.97	0.34	0.44	0.35	70	58
Perry	80	39	59	20	1.33	0.75	0.57	0.48	66	59
Toledo	80	40	58	18	2.06	1.43	0.48	0.39	55	48
East Central District										
Cedar Rapids	79	45	59	18	0.86	0.22	0.45	0.35	64	57
Davenport	78	44	60	18	1.17	0.52	0.66	0.56	70	63
Iowa City	80	46	60	16	1.40	0.70	0.73	0.62	71	57
Lowden	80	44	58	17	1.48	0.76	0.42	0.31	57	50
Maquoketa	78	44	57	16	1.74	1.10	0.44	0.34	50	43
Muscatine	80	47	62	19	1.35	0.60	0.47	0.36	84	77
South West District										
Atlantic	79	39	62	21	1.35	0.72	0.10	0.01	86	79
Clarinda	81	43	63	22	2.61	1.94	0.04	-0.06	95	88
Glenwood	80	41	63	20	2.19	1.63	0.39	0.31	94	82
Red Oak	81	42	65	20	1.97	1.32	0.08	-0.02	103	89
Sidney	80	43	64	21	1.81	1.18	0.05	-0.04	100	88
South Central District										
Allerton	78	43	62	20	1.47	0.82	0.10	0.00	85	79
Beaconsfield	79	43	63	21	0.74	0.10	0.11	0.01	93	85
Chariton	81	42	62	20	1.22	0.55	0.20	0.10	88	77
Indianola	82	40	62	19	1.57	0.91	0.39	0.29	84	72
Leon	81	45	64	22	1.29	0.63	0.30	0.20	103	94
South East District										
Bloomfield	77	47	63	18	0.44	-0.26	0.00	-0.10	92	78
Burlington	81	50	66	23	1.33	0.56	0.39	0.28	117	103
Ottumwa	80	47	63	20	0.97	0.33	0.49	0.39	93	79
Washington	79	46	61	16	1.36	0.71	0.72	0.62	78	71

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.  
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